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SEQUENCE LISTING

<110> Wolosker, Herman  
5 Takashashi, Maasaki  
Mothet, Jean-Pierre  
Ferris, Christopher  
Snyder, Solomon

10 <120> Mammalian Serine Protease

<130> 01107.82348

15 <160> 10

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<213> Mus musculus

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30 cctgcttaca ttgtgggttcc ccaaacagct cccaactgca agaaactggc aatccaagcc 360  
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agaattatgc aagaaacaga aggcattctg gtccatccca accaggagcc tgcagtgata 480  
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40 gtctctccag aagtaaagaa cgtctgcatt gtactcagtg gggggaatgt agacctaacc 960

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 5 ggtgaagcag gctgaaaggc cagcttctta tcagtctgtt tctgtttaat ttacagaaaa 360  
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20 <210> 5  
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25 <400> 5  
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 <213> Rat rattus

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 <213> Rat rattus

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&lt;400&gt; 7

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 Ser Ile Leu Asn Gln Ile Ala Gly Arg  
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&lt;210&gt; 8

&lt;211&gt; 339

&lt;212&gt; PRT

10 &lt;213&gt; Mus musculus

&lt;400&gt; 8

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 20 25 30  
 Ile Leu Asn Gln Ile Ala Gly Arg Asn Leu Phe Phe Lys Cys Glu Leu  
 35 40 45  
 Phe Gln Lys Thr Gly Ser Phe Lys Ile Arg Gly Ala Leu Asn Ala Ile  
 20 50 55 60  
 Arg Gly Leu Ile Pro Asp Thr Pro Glu Glu Lys Pro Lys Ala Val Val  
 65 70 75 80  
 Thr His Ser Ser Gly Asn His Gly Gln Ala Leu Thr Tyr Ala Ala Lys  
 85 90 95  
 25 Leu Glu Gly Ile Pro Ala Tyr Ile Val Val Pro Gln Thr Ala Pro Asn  
 100 105 110  
 Cys Lys Lys Leu Ala Ile Gln Ala Tyr Gly Ala Ser Ile Val Tyr Cys  
 115 120 125  
 Asp Pro Ser Asp Glu Ser Arg Glu Lys Val Thr Gln Arg Ile Met Gln  
 30 130 135 140  
 Glu Thr Glu Gly Ile Leu Val His Pro Asn Gln Glu Pro Ala Val Ile  
 145 150 155 160  
 Ala Gly Gln Gly Thr Ile Ala Leu Glu Val Leu Asn Gln Val Pro Leu  
 165 170 175  
 35 Val Asp Ala Leu Val Val Pro Val Gly Gly Gly Gly Met Val Ala Gly  
 180 185 190  
 Ile Ala Ile Thr Ile Lys Ala Leu Lys Pro Ser Val Lys Val Tyr Ala  
 195 200 205  
 Ala Glu Pro Ser Asn Ala Asp Asp Cys Tyr Gln Ser Lys Leu Lys Gly  
 40 210 215 220

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Glu Leu Thr Pro Asn Leu His Pro Pro Glu Thr Ile Ala Asp Gly Val  
 225 230 235 240  
 Lys Ser Ser Ile Gly Leu Asn Thr Trp Pro Ile Ile Arg Asp Leu Val  
 245 250 255  
 5 Asp Asp Val Phe Thr Val Thr Glu Asp Glu Ile Lys Tyr Ala Thr Gln  
 260 265 270  
 Leu Val Trp Gly Arg Met Lys Leu Leu Ile Glu Pro Thr Ala Gly Val  
 275 280 285  
 Ala Leu Ala Ala Val Leu Ser Gln His Phe Gln Thr Val Ser Pro Glu  
 10 290 295 300  
 Val Lys Asn Val Cys Ile Val Leu Ser Gly Gly Asn Val Asp Leu Thr  
 305 310 315 320  
 Ser Leu Asn Trp Val Gly Gln Ala Glu Arg Pro Ala Pro Tyr Gln Thr  
 325 330 335  
 15 Val Ser Val

&lt;210&gt; 9

&lt;211&gt; 1023

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9

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 aatcttttct tcaaatgtga actcttccag aaaacaggat cttttaagat tcgtgggtgct 180  
 ctcaatgccg tcagaagctt ggcttctgat gcttttagaaa ggaagccgaa agctgttggt 240  
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 40 tctccataa cttgggtgaa gcaggctgaa aggccagctt cttatcagtc tgtttctggt 1020

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taa

1023

&lt;210&gt; 10

&lt;211&gt; 340

5

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 10

10 Met Cys Ala Gln Tyr Cys Ile Ser Phe Ala Asp Val Glu Lys Ala His  
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 Ile Asn Ile Arg Asp Ser Ile His Leu Thr Pro Val Leu Thr Ser Ser  
 20 25 30  
 Ile Leu Asn Gln Leu Thr Gly Arg Asn Leu Phe Phe Lys Cys Glu Leu  
 35 40 45  
 15 Phe Gln Lys Thr Gly Ser Phe Lys Ile Arg Gly Ala Leu Asn Ala Val  
 50 55 60  
 Arg Ser Leu Val Pro Asp Ala Leu Glu Arg Lys Pro Lys Ala Val Val  
 65 70 75 80  
 Thr His Ser Ser Gly Asn His Gly Gln Ala Leu Thr Tyr Ala Ala Lys  
 20 85 90 95  
 Leu Glu Gly Ile Pro Ala Tyr Ile Val Val Pro Gln Thr Ala Pro Asp  
 100 105 110  
 Cys Lys Lys Leu Ala Ile Gln Ala Tyr Gly Ala Ser Ile Val Tyr Cys  
 115 120 125  
 25 Glu Pro Ser Asp Glu Ser Arg Glu Asn Val Ala Lys Arg Val Thr Glu  
 130 135 140  
 Glu Thr Glu Gly Ile Met Val His Pro Asn Gln Glu Pro Ala Val Ile  
 145 150 155 160  
 Ala Gly Gln Gly Thr Ile Ala Leu Glu Val Leu Asn Gln Val Pro Leu  
 30 165 170 175  
 Val Asp Ala Leu Val Val Pro Val Gly Gly Gly Gly Met Leu Ala Gly  
 180 185 190  
 Ile Ala Ile Thr Val Lys Ala Leu Lys Pro Ser Val Lys Val Tyr Ala  
 195 200 205  
 35 Ala Glu Pro Ser Asn Ala Asp Asp Cys Tyr Gln Ser Lys Leu Lys Gly  
 210 215 220  
 Lys Leu Met Pro Asn Leu Tyr Pro Pro Glu Thr Ile Ala Asp Gly Val  
 225 230 235 240  
 Lys Ser Ser Ile Gly Leu Asn Thr Trp Pro Ile Ile Arg Asp Leu Val  
 40 245 250 255

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Asp Asp Ile Phe Thr Val Thr Glu Asp Glu Ile Lys Cys Ala Thr Gln  
260 265 270  
Leu Val Trp Glu Arg Met Lys Leu Leu Ile Glu Pro Thr Ala Gly Val  
275 280 285  
5 Gly Val Ala Ala Val Leu Ser Gln His Phe Gln Thr Val Ser Pro Glu  
290 295 300  
Val Lys Asn Ile Cys Ile Val Leu Ser Gly Gly Asn Val Asp Leu Thr  
305 310 315 320  
Ser Ser Ile Thr Trp Val Lys Gln Ala Glu Arg Pro Ala Ser Tyr Gln  
10 325 330 335  
Ser Val Ser Val  
340